

Pre-Bid Conference  
*State Project No. 16-98*

Safety Improvements on Route 133  
*Bridgewater, Connecticut*

# Voluntary Pre-Bid Conference Project No. 16-98 Safety Improvements on Route 133 Bridgewater, CT

May 19, 2016



DEPARTMENT OF TRANSPORTATION

- General

- Registration

- All attendees are required to register.

- Questions

- No questions will be taken at the Pre-Bid Conference.
    - All questions must be presented through the CTDOT Pre-Bid Questions and Answers website.



- Agenda

- Introduction

- Project Staff

- Project Overview

- Safety Improvements

- Contractor designed retaining wall

- Controlled blasting special provisions

- Construction

- Advance Utility Work

- Detour



## ➤ Construction (cont.)

- Traffic Calming
- Access
- Incentive and Liquidated Damages Provisions
- Retaining Wall Design
- Schedule

## ➤ Closing Remarks





# INTRODUCTION



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- Program/Project Participants
  - Connecticut Department of Transportation

## Project Staff

District Project Manager: Richard Symonds, P.E. - ADE

District Project Engineer: David Neelands

Design Project Manager: Scott Bushee, P.E.

Design Project Engineer: Jordan Pike, P.E.



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# PROJECT OVERVIEW



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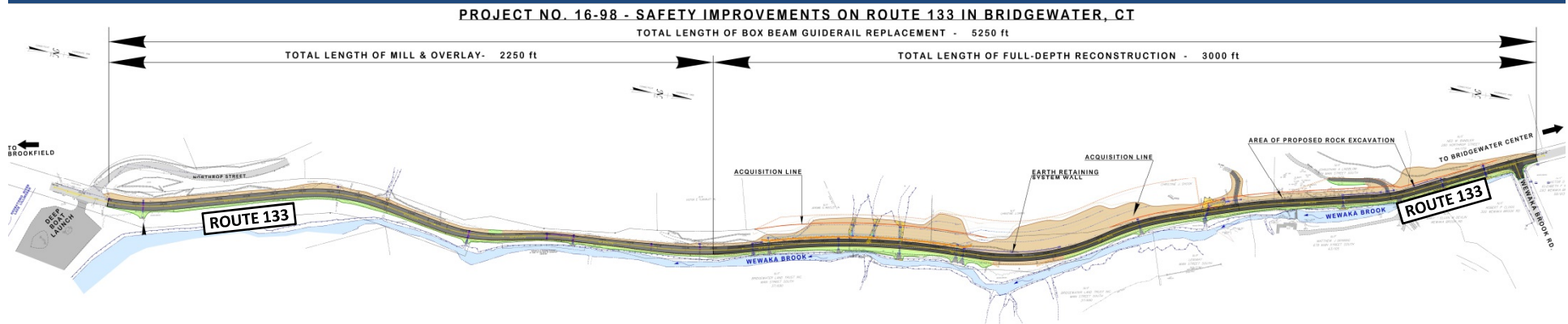
# Project Location



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- Project Overview

- Guiderail upgrades from Northrop St. to Wewaka Brook Rd.
- Mill & Overlay
- Full-Depth Reconstruction
- Shift roadway, 18 feet west maximum
- Drainage Upgrades

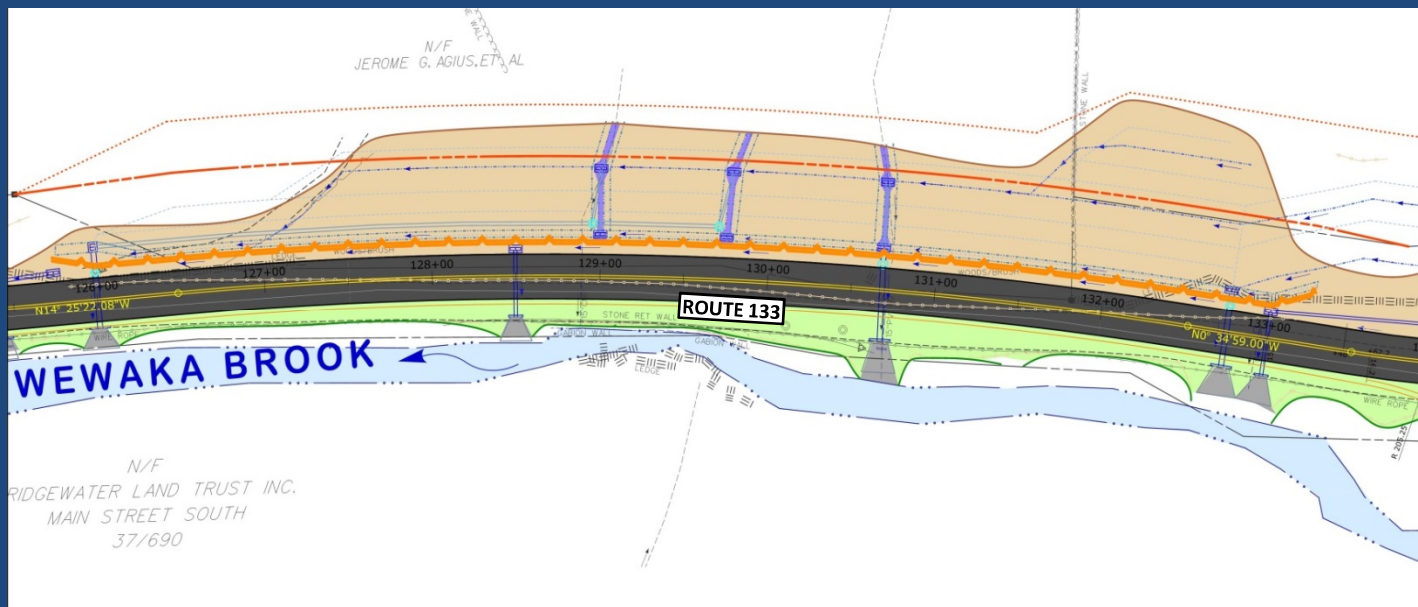




- Project Overview

- Retaining Wall – Contractor Designed

- 750 LF
- T-Wall – Contractor to Design upon Award
- Controlled Blasting special provisions



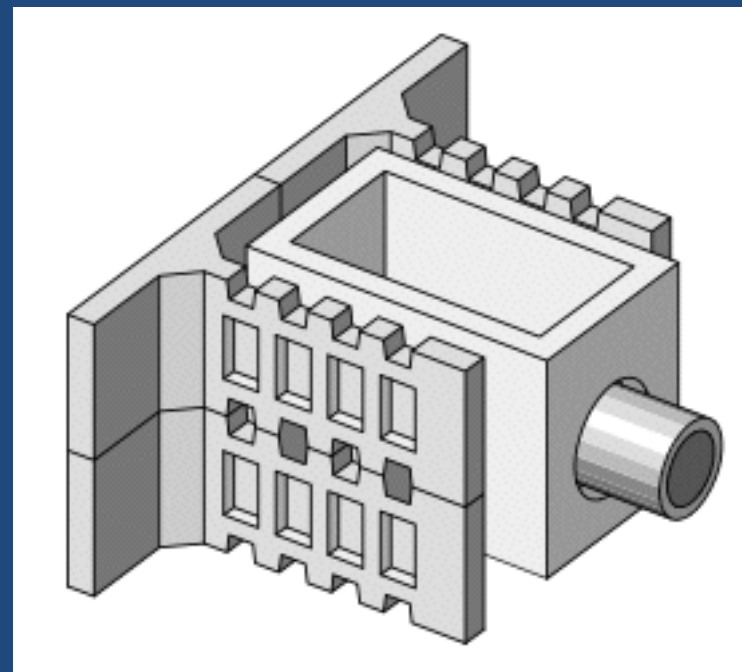
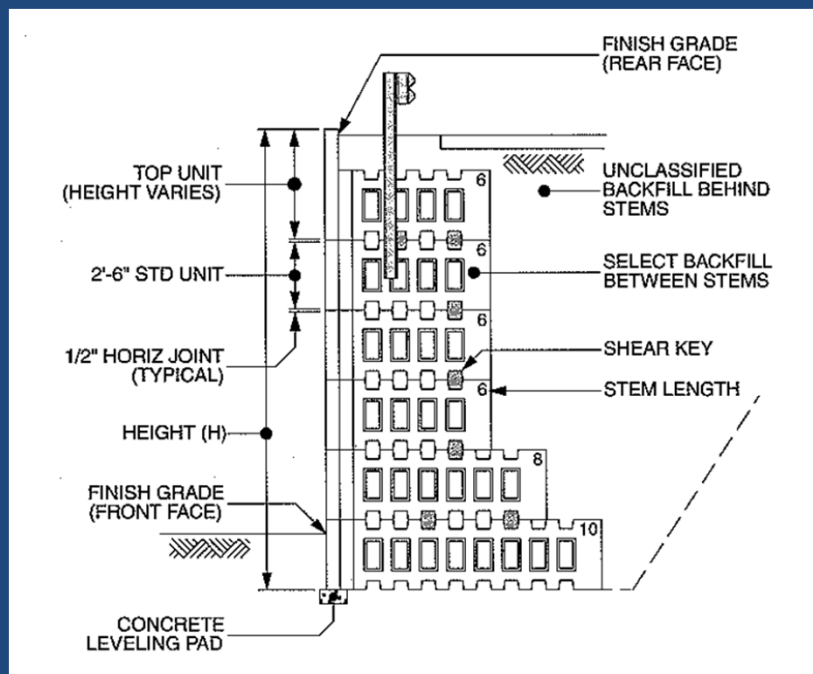
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- Project Overview

- Retaining Wall – Contractor Designed

- T-Wall

- Drainage Structures must be accounted for in Retaining Wall Design



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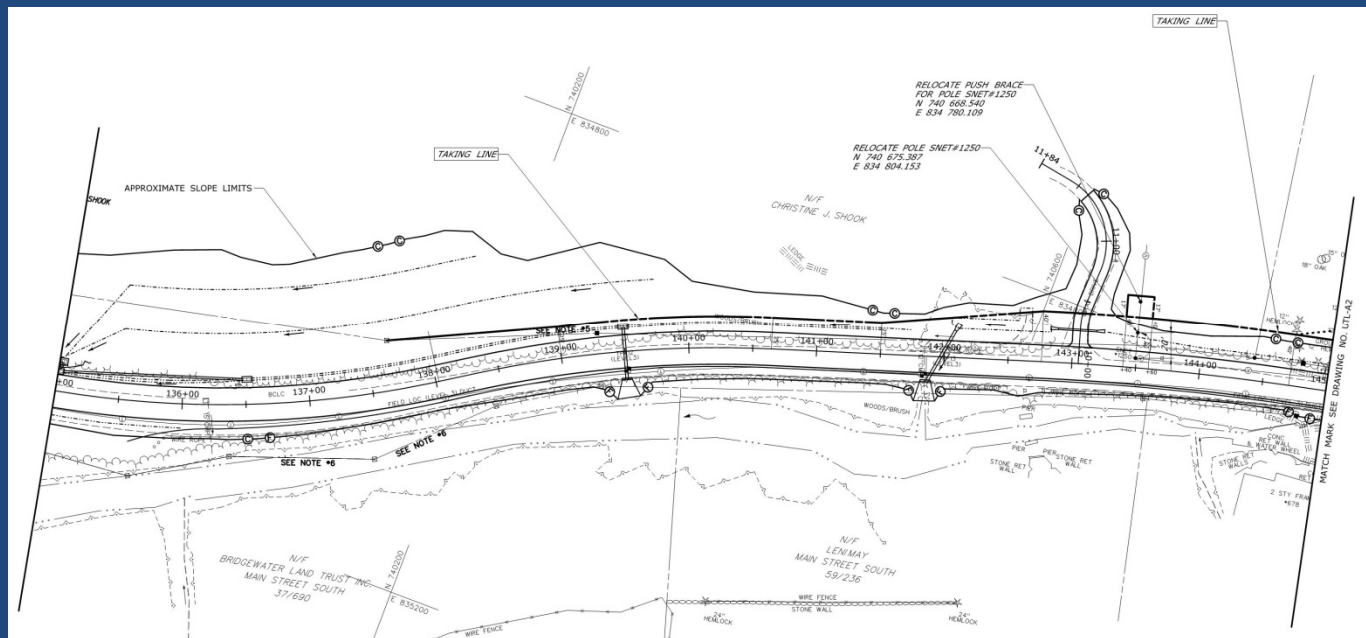
# CONSTRUCTION



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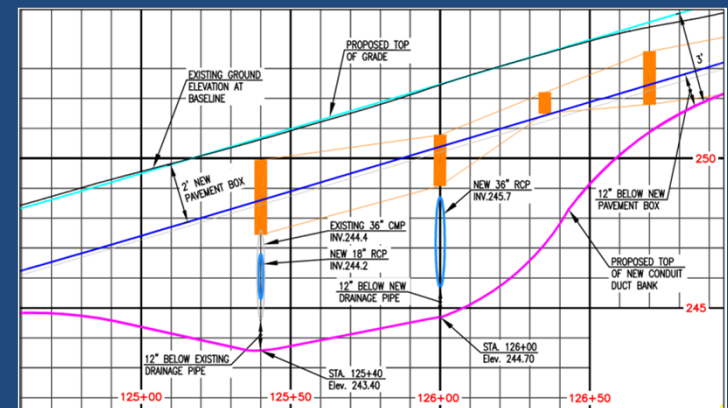
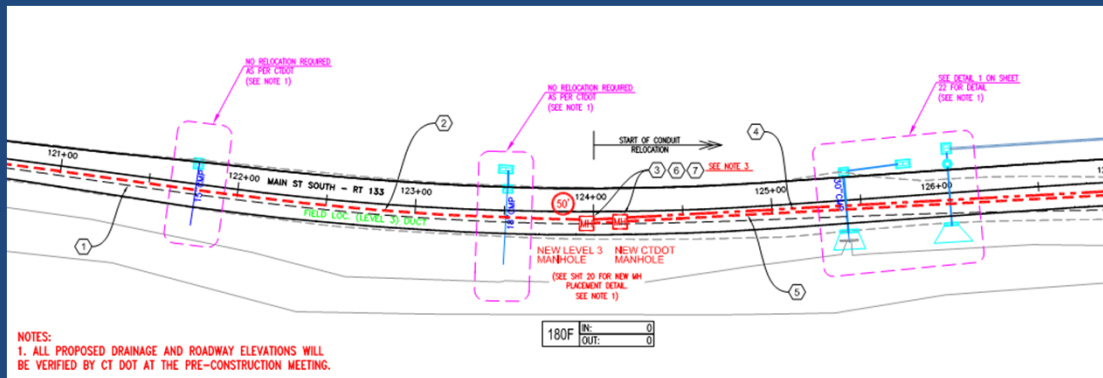


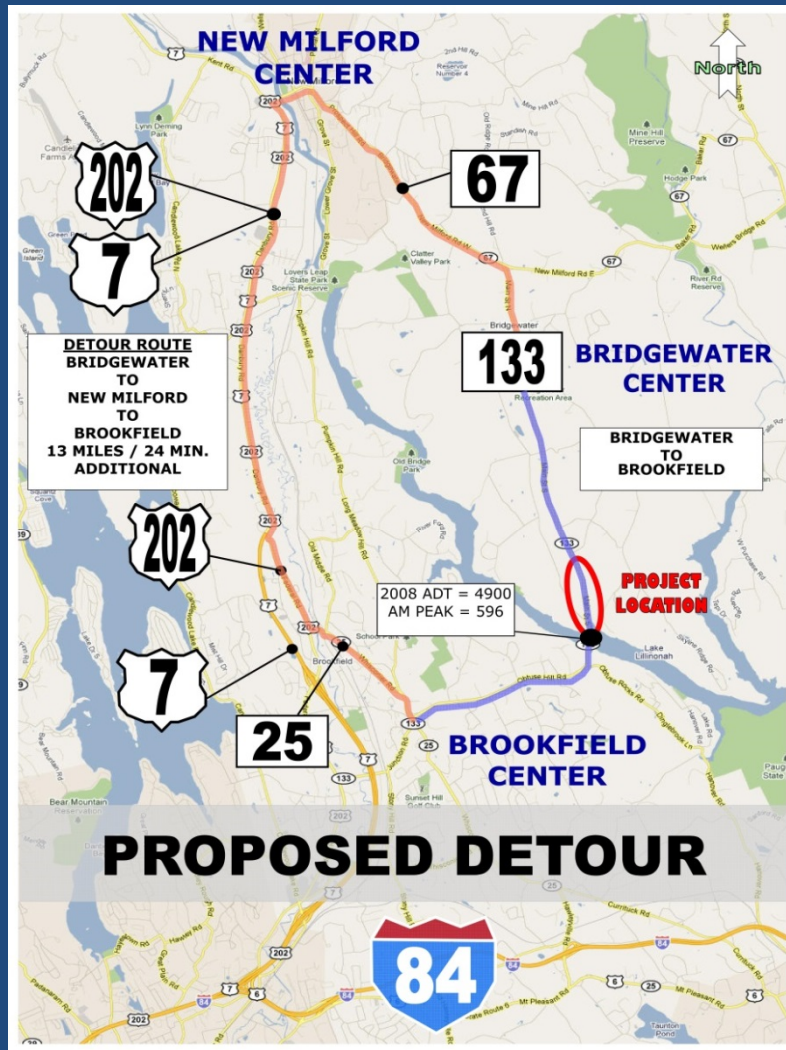
- Proj. 16-101 Overhead Advance Utility Work
  - Work is planned to start in 2016
  - Relocation or resetting of 5 utility poles
  - Northern project limits



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- Proj. 16-101 Underground Advance Utility Work
  - Relocation of Fiber-Optic conduit
  - In full depth reconstruction area
  - Plans provided in Contract for informational purposes



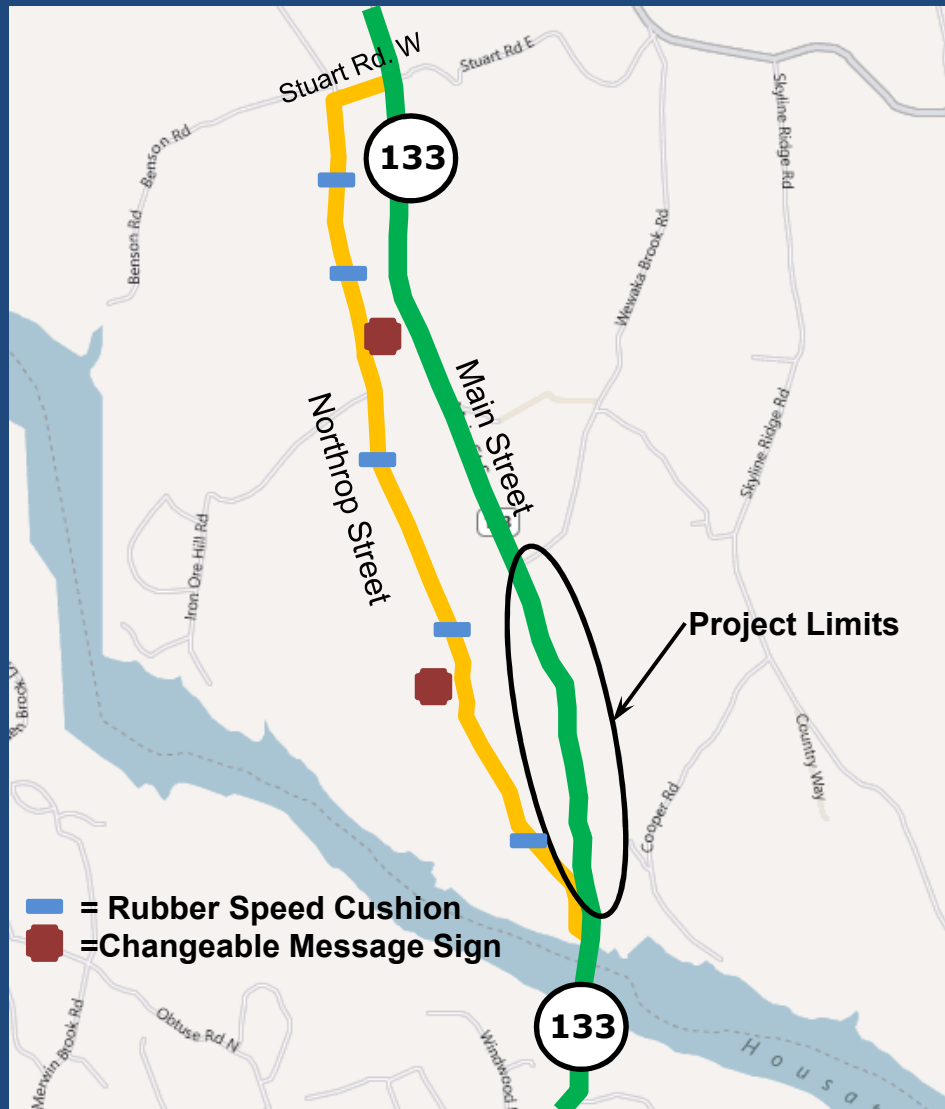


- Detour Route
- Traffic calming on Northrup St.



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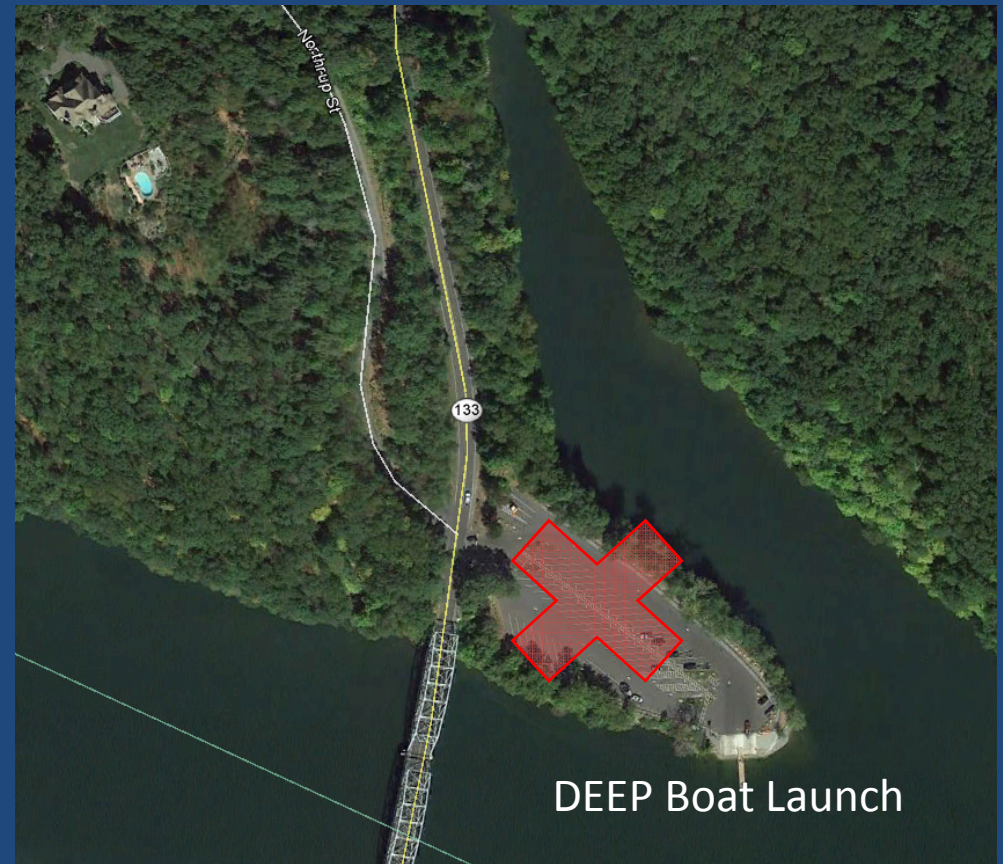
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- Site Access
  - Along Route 133
  - DEEP Boat Launch is NOT available



- Incentive and Liquidated Damages
  - Contractor is alerted that Incentive and Liquidated Damages provisions are included in this project



- Incentive and Liquidated Damages

**Milestone Work Table**

<b>Description of Work:</b>  The following Milestone Work must be completed. <ul style="list-style-type: none"><li>• Complete guiderail installation</li><li>• Complete proprietary retaining wall construction and structure backfill. Excluding installation of the concrete copings, fence, and stain.</li><li>• Complete installation of drainage systems including associated pipes, endwalls, drainage structures, splash pads, and rip rap channels</li><li>• Final grading</li><li>• Final course bituminous pavement</li><li>• Pavement markings in final location</li><li>• Final signing and all traffic control devices</li><li>• Safely remove detour pattern and re-open Route 133 (South Main Street) in Bridgewater to two-way traffic operation.</li><li>• Any remaining work shall not require the use of a detour</li></ul>
<b>Maximum Incentive Completion Date</b> July 20, 2017
<b>Maximum Incentive Payment Amount</b> \$ 500,000
<b>Maximum Liquidated Damages Amount</b> (\$ 500,000)
<b>Liquidated Damages Daily Deduction</b> (\$ 39,200)



- Incentive and Liquidated Damages

Incentive Amount Table

Milestone Work Completion Date	Incentive Payment Amount
July 20, 2017 6:00am	\$500,000
July 21, 2017 6:00am	\$460,800
July 22, 2017 6:00am	\$421,600
July 23, 2017 6:00am	\$382,400
July 24, 2017 6:00am	\$343,200
July 25, 2017 6:00am	\$304,000
July 26, 2017 6:00am	\$264,800
July 27, 2017 6:00am	\$225,600
July 28, 2017 6:00am	\$186,400
July 29, 2017 6:00am	\$147,200
July 30, 2017 6:00am	\$108,000
July 31, 2017 6:00am	\$68,800
August 1, 2017 6:00am	\$29,600

Liquidated Damages Amount Table

Milestone Work Completion Date	Liquidated Damages Amount
August 2, 2017 6:00am	(\$9,600)
August 3, 2017 6:00am	(\$48,800)
August 4, 2017 6:00am	(\$88,000)
August 5, 2017 6:00am	(\$127,200)
August 6, 2017 6:00am	(\$166,400)
August 7, 2017 6:00am	(\$205,600)
August 8, 2017 6:00am	(\$244,800)
August 9, 2017 6:00am	(\$284,000)
August 10, 2017 6:00am	(\$323,200)
August 11, 2017 6:00am	(\$362,400)
August 12, 2017 6:00am	(\$401,600)
August 13, 2017 6:00am	(\$440,800)
August 14, 2017 6:00am	(\$480,000)
August 15, 2017 6:00am	(\$500,000)





➤ **Bridgewater Fair**

- Wednesday August 16, 2017 - Tuesday August 22, 2017
- Maintain one lane in each direction



## ➤ Schedule

- Initiate Ret. Wall Design Upon Award
  - Shop Drawings
  - DOT Review
  - Fabrication
- Close Route 133: March 2017
- Milestone Work Completion Dates
- *Maximum Incentive:* July 20, 2017
- *Maximum Liquidated Damages:* August 15, 2017
- Construction Completion: October 2017



# CLOSING REMARKS



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- Closing Remarks

- Pre-Bid Process

- Pre-Bid Q&A website

- Scheduled Bid Opening

- June 1, 2016



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*Thank you*  
*for your interest*



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